

### **REASONS FOR ALLOWANCE**

1. The following is an examiner's statement of reasons for allowance:

The following is an examiner's statement of reasons for allowance: Claims 9-15, 17-19, 20-21 are allowable over the prior art of record: the closest prior art of record (Vivaldi, "Fast handover algorithm for hierarchical mobile IPv6 macro-mobility Management") does not teach nor suggest in detail "the second care-of address can only be used in predetermined cells; wherein the predetermined cells: (i) only include a first cell group, which is part of the cells of the first mobility anchor point, and a second cell group, which is part of the cells of the second mobility anchor point, the second cell group of the second mobility anchor point being adjacent to the first cell group of the first mobility anchor point and separated by the boundary with the first mobility anchor point, and (ii) do not include at least one of (a) a third cell, which is part of the cells of the first mobility anchor point, and (b) a fourth cell, which is part of the cells of the second mobility anchor point; and the home agent registers the home address of the communication terminal apparatus, the first care-of address transmitted through the network and the second care-of address transmitted through the network, wherein: the home address of the communication terminal apparatus, the first care-of address and the second care-of address are associated with each other." in combination with all the elements of each of independent claim as argued by the Applicant (See remarks 8/9/2010 on pages 7-10 as well as pages of Applicant's enabling specification pages 9-11.) Vivaldi teaches a performance analysis of the macro-mobility management in HMIPv6 network for the real time traffic. Furthermore, Vivaldi teaches proposing a

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modification to HMIPv6 macro mobility to support fast handover by adopting the multicast mechanisms to HMIPv6 protocol; after which the performance. Whereas, as stated above, Applicant's claimed invention states "the second care-of address can only be used in predetermined cells; wherein the predetermined cells: (i) only include a first cell group, which is part of the cells of the first mobility anchor point, and a second cell group, which is part of the cells of the second mobility anchor point, the second cell group of the second mobility anchor point being adjacent to the first cell group of the first mobility anchor point and separated by the boundary with the first mobility anchor point, and (ii) do not include at least one of (a) a third cell, which is part of the cells of the first mobility anchor point, and (b) a fourth, cell, which is part of the cells of the second mobility anchor point; and the home agent registers the home address of the communication terminal apparatus, the first care-of address transmitted through the network and the second care-of address transmitted through the network, wherein: the home address of the communication terminal apparatus, the first care-of address and the second care-of address are associated with each other."

So as indicated in the above statements. Applicant's arguments have been considered persuasive, in light of the claims limitation as well as the enabling portions of the specification.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to NINOS DONABED whose telephone number is (571)270-3526. The examiner can normally be reached on Monday-Friday, 7:30 AM-5:00 PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Vaughn can be reached on (571) 272-3922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/N. D./  
Examiner, Art Unit 2444

/Djenane M Bayard/  
Primary Examiner, Art Unit 2444